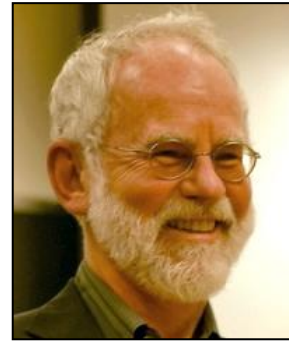


Roy Pea

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Since 1981, Dr Roy Pea has been exploring how information technologies can support and advance the scientific understanding and practices of learning and teaching, with particular focus on topics in science, mathematics, and technology education and their associated symbolic and communicative interchanges that are integral to learning.

He has published widely on K-12 learning and education, especially in science, math and technology, fostered by advanced technologies including scientific visualization, on-line communities, digital video collaboratories and mobile computers. His current work is examining how informal and formal learning can be better understood and connected, and developing the DIVER paradigm for everyday networked video interactions for learning and communications. Other current research includes the influence of point of view on video-supported learning and collaboration; precollege mobile science inquiry and learning with sensors; and informal math learning in families. He is co-author of the 2010 National Education Technology Plan for the US Department of Education, was co-editor of the 2007 volume Video Research in the Learning Sciences, and co-author of the 2000 National Academy volume How People Learn.

Dr. Pea is currently the David Jacks Professor of Education and the Learning Sciences at Stanford University, Co-Founder and Director of the H-STAR Institute, Director of the PhD Program in Learning Sciences and Technology Design, and Professor, Computer Science (Courtesy). Previously, he has distinguished himself by co-founding and directing (1999-2009) for Teachscape, a company providing comprehensive K-12 teacher professional development services incorporating web-based video case studies of standards-based teaching and communities of learners.

He is a Fellow of the National Academy of Education, Association for Psychological Science, The Center for Advanced Study in the Behavioral Sciences, the American Educational Research Association, and was an IBM Faculty Fellow (2006). In 2004-2005, Dr. Pea was President of the International Society for the Learning Sciences. He earned his doctorate in developmental psychology from the University of Oxford, England, where he was a Rhodes Scholar.